## Check for updates

### **OPEN ACCESS**

APPROVED BY Frontiers Editorial Office, Frontiers Media SA, Switzerland

\*CORRESPONDENCE Ran Duan ⊠ 1345295687@qq.com Tong Feng ⊠ 543051181@qq.com

<sup>†</sup>These authors have contributed equally to this work

RECEIVED 28 June 2024 ACCEPTED 19 July 2024 PUBLISHED 29 July 2024

#### CITATION

Yao J, Du Z, Yang F, Duan R and Feng T (2024) Corrigendum: The relationship between heavy metals and metabolic syndrome using machine learning. *Front. Public Health* 12:1456139. doi: 10.3389/fpubh.2024.1456139

### COPYRIGHT

© 2024 Yao, Du, Yang, Duan and Feng. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

# Corrigendum: The relationship between heavy metals and metabolic syndrome using machine learning

# Jun Yao<sup>1†</sup>, Zhilin Du<sup>2†</sup>, Fuyue Yang<sup>3†</sup>, Ran Duan<sup>4,5</sup>\* and Tong Feng<sup>6</sup>\*

<sup>1</sup>Department of Respiratory and Critical Care, Guangyuan Central Hospital, Guangyuan, Sichuan, China, <sup>2</sup>Department of Oncology, Chengdu Seventh People's Hospital (Affliated Cancer Hospital of Chengdu Medical College), Chengdu, Sichuan, China, <sup>3</sup>Department of Rheumatology and Immunology, Chengdu Fifth People's Hospital, Chengdu, Sichuan, China, <sup>4</sup>Clinical Medical College, Chengdu Medical College, Chengdu, Sichuan, China, <sup>5</sup>Department of Oncology, The First Affiliated Hospital of Chengdu Medical College, Chengdu, Sichuan, China, <sup>6</sup>The Second School of Clinical Medicine, Southern Medical University, Guangzhou, China

### KEYWORDS

metabolic syndrome, NHANES (National Health and Nutrition Examination Survey), machine learning, heavy metals, SHapley additive exPlanations (SHAP)

## A corrigendum on

The relationship between heavy metals and metabolic syndrome using machine learning

by Yao, J., Du, Z., Yang, F., Duan, R., and Feng, T. (2024). *Front. Public Health* 12:1378041. doi: 10.3389/fpubh.2024.1378041

In the published article, there was an error regarding the affiliations for Ran Duan. In addition to being affiliated with "Department of Oncology, The First Affiliated Hospital of Chengdu Medical College, Chengdu, Sichuan, China," she should also be affiliated with "Clinical Medical College, Chengdu Medical College, Chengdu, Sichuan, China."

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

# Publisher's note

All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.